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Docket No. 500.44691X00

Serial No. 10/522,772

Office Action dated February 22, 2007

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

LISTING OF CLAIMS:

1. (Previously Presented) A transfective type liquid crystal display comprising a liquid crystal layer squeezed between a pair of substrates; a transmission display portion and a reflection display portion, said display portion comprising:

a plurality of pixels formed on one of said substrates in an area surrounded by a plurality of gate electrodes and a plurality of source electrodes arranged orthogonal to said gate electrodes;

a thin-film transistor arranged in each pixel and disposed near an intersection between each gate electrode and each source electrode; and

a pixel electrode connected to said thin-film transistor,

wherein said pixel electrode comprises a transparent conductive layer and conductive members having a light reflection function and electrically connected to said transparent conductive layer, and said conductive members are disposed on the surface of said transparent and conductive layer randomly and dispersively.

2. (Original) A transfective type liquid crystal display according to claim 1, wherein said conductive members are directly disposed on said transparent conductive layer.

3. (Previously Presented) A transfective type liquid crystal display according to claim 1, wherein in each pixel area, said reflection display portion is an area where

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said conductive members are disposed, and said transmission portion is an area other than said reflection display portion.

4. (Previously Presented) A transfective type liquid crystal display according to claim 1, wherein said conductive members comprise a plurality of convex or concave members;

and each of said convex or concave members has a continuously changing slope surface.

5. (Previously Presented) A transfective type liquid crystal display according to claim 1, wherein a pattern where said conductive members are arranged on the surface of said transparent conductive layer is such that a plurality of conductive members formed of convex or concave members are disposed dispersively, each of said conductive members having generally a circle, polygon, bar or string shape.

6. (Previously Presented) A transfective type liquid crystal display according to claim 5, wherein a pattern of said circles, polygons, bars and strings is a phase separation pattern realized by high polymer block copolymer.

7. (Previously Presented) A transfective type liquid crystal display according to claim 1, wherein said conductive members are dispersively disposed on all area of a specified area of said transparent conductive layer.

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8. (Previously Presented) A transfective type liquid crystal display according to claim 1, wherein a common electrode is disposed on the other of said pair of substrates.

9 - 13. (Cancelled).

14. (Currently Amended) A transfective type liquid crystal display according to ~~claim 10, wherein performing transmission type display and reflection type display in~~ each pixel, wherein:

a pixel electrode disposed in each pixel is constituted of a transparent conductive layer and conductive members having a light reflection function and electrically connected to said transparent conductive layer;

said conductive members comprise a plurality of convex or concave members;

said conductive members are directly disposed on said transparent conductive layer; and

said convex or concave members are made of conductive material mainly consisting of fine particles of silver or gold having a nano order diameter.

15 - 19. (Cancelled).

20. (Currently Amended) A transfective type liquid crystal display according to ~~claim 16, wherein performing transmission type display and reflection type display in~~ each pixel, wherein:

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a pixel electrode disposed in each pixel comprises a flat plate type transparent conductive layer and conductive members having a light reflection function;

said conductive members comprise a plurality of convex or concave members;

said conductive members are directly disposed on said transparent conductive layer; and

said convex or concave members are made of conductive material mainly consisting of fine particles of silver or gold having a nano order diameter.